

### **Survey of mines**

464. SHRI RAMDAS AGARWAL: Will the Minister of MINES be pleased to state:

- (a) whether Geological Survey of India has undertaken or proposes to undertake a fresh survey of work pertaining to mines in the country;
- (b) if so, the locations where gold, silver, copper, platinum, cobalt and iron ore reserves have been found, State-wise;
- (c) the approximate quantum of these metals and mineral reserves available in the country and the number of platinum mining lease applications granted; and
- (d) what steps Government have taken for improving the quality of exploration and exploitation of these precious metals and minerals, indicating the latest technology available in or outside the country?

THE-MINISTER OF MINES (SHRI SIS RAM OLA): (a) Geological Survey of India (GSI) regularly carries out survey and regional exploration for minerals in the country.

(b) and (c) As per the Indian Bureau of Mines (IBM), the State-wise location and quantum of mineral reserves/resources estimated by GSI, other Government and private agencies are as follows:—

State & Location	Mineral Ore [m.tonnes]
1	2
<b>GOLD (Reserves)</b>	
Andhra Pradesh [Anantpur, Chittoor, Kurnool]	1.56
Jharkhand [Singhbhum East]	0.09
Karnataka [Chitradurga, Dharwad, Gulbarga, Hasan, Haveri, Kolar, Raichur, Tumkur]	17.61
<b>SILVER (Reserves)</b>	
Andhra Pradesh [Guntur]	0.79

1	2
Karnataka [Chitradurga, Raichur]	7.27
Orissa [Sundergarh]	1.07
Rajasthan [Ajmer, Bhilwara, Jhunjhunu, Rajasmand, Udaipur]	106.31
Sikkim [Sikkim East]	0.50
COPPER (Reserves)	
Andhra Pradesh [Guntur, Khammam, Kurnool, Prakasam]	1.45
Gujarat [Banaskantha]	5.80
Jharkhand [Hazaribagh, Singhbhum East]	75.89
Karnataka [Chikmangalur, Chitradurga, Gulbarga, Hasan, North Kanara]	3.56
Madhya Pradesh [Balaghat, Betul, Jabalpur]	227.14
Maharashtra [Bhandara, Chandrapur, Gadchiroli, Nagpur]	2.18
Rajasthan [Ajmer, Alwar, Bharatpur, Bhilwara, Bundi, Chittorgarh, Dungarpur, Jaipur, Jhunjhunu, Pali, Rajasmand, Sikar, Sirohi, Udaipur]	52.94
Sikkim [Sikkim East]	0.51
IRON ORE [Haematite] (Reserves)	
Andhra Pradesh [Anantpur, Cuddapah, Guntur, Khammam, Krishna, Kurnool]	39.59
Chattisgarh [Dantewara, Durg, Kanker, Bastar]	760.51
Goa [Goa North and South]	458.70
Jharkhand [Singhbhum West]	2494.42
Karnataka [Bellari, Chikmangalur]	940.43
Madhya Pradesh [Jabalpur, Katni, Betul]	33.91
Maharashtra [Gadchiroli, Chandrapur, Sundargarh]	13.99

1	2
Orissa [Keonjhar, Sundargarh, Jajpur, Mayurbhanj]	2251.77
IRON ORE [Magnetite] (Reserves)	
Goa [South Goa]	50.11
Karnataka [Chikmangalur, Hassan, North Kanara, Shimoga and Sourth Kanara]	148.43
Maharashtra [Gondia]	0.62
Rajasthan [Bhilwara, Jhunjhunu, Sikar]	4.22
COBALT (Resources)	
Jharkhand [Singhbhum East]	9.00
Nagaland [Tuensang]	5.00
Orissa [Cuttack and Jajpur]	30.91
PGE (Resources)	
Orissa [Keonjhar]	14.20
Karnataka [Davangere]	0.29

Platinum Group of Elements [PGE] have been granted mining lease in one case since 1.1.2000 co-terminus with existing mining lease for chromite, serpentite and magnetite over an area of 187.03 hecs. in village Boula of Keonjhar district in favour of M/s. FACOR Ltd.

(d) GSI has embarked upon a programme of modernization for acquisition of the state-of-the-art equipment, Heliborne Geophysical System with four sensors and ocean going blue water research vessel. Exploitation of minerals is not within the purview of GSI.

#### **Safety of mines**

465. SHRI MAHENDRA SAHNI: Will the Minister of MINES be pleased to state:

(a) whether Government are capable to make the mines completely safe;